

UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Collins et al.

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Group Art Unit: 2766

Examiner: Leaning, J.

127/B
Hester
10/13/00

For: "PUBLIC KEY CRYPTOGRAPHIC APPARATUS AND METHOD"

Assistant Commissioner for Patents
Washington, D.C. 20231

10/03/2000 JADDG1	00000055	09326726
01 FC:116		360.00 OP
10/03/2000 JADDG1	00000065	09326726
02 FC:102		780.00 OP
03 FC:103		594.00 OP

AMENDMENT

Sir:

In response to the Office Action mailed on April 27, 2000, Applicants respectfully request reconsideration of the above-identified patent application. Please amend the above identified application as follows and consider the following remarks.

In the Specification:

On page 3, line 33, replace " $C = M^e \pmod{n}$ " with $--C \equiv M^e \pmod{n}--$.

On page 4, line 4, replace " $M = C^d \pmod{n}$ " with $--M \equiv C^d \pmod{n}--$.

On page 4, line 12, replace " $d = e^{-1} \pmod{(p-1)(q-1)}$ " with $--d \equiv e^{-1} \pmod{((p-1)(q-1))}--$.

On page 4, line 8 replace " $e \cdot d = 1 \pmod{\text{lcm}((p-1), (q-1))}$ " with $--e \cdot d \equiv 1 \pmod{\text{lcm}((p-1), (q-1))}--$.

On page 8, line 8, replace " $C = M^e \pmod{(n)}$ " with $--C \equiv M^e \pmod{(n)}--$.

On page 8, line 12, replace " $M = C^d \pmod{(n)}$ " with $--M \equiv C^d \pmod{(n)}--$.

On page 8, line 17, replace "encryption" with --decryption--.

On page 9, line 21, between "each" and "is", insert --of (p_1-1) , (p_2-1) , ..., (p_k-1) --.

On page 9, line 26, replace " $d = e^{-1} \pmod{((p_1-1)(p_2-1) \dots (p_k-1))}$ " with $--d \equiv e^{-1} \pmod{((p_1-1)(p_2-1) \dots (p_k-1))}--$.

On page 9, line 29, replace " $C = M^e \pmod{n}$ " with $--C \equiv M^e \pmod{n}--$.

On page 9, lines 28-29, replace "using the relationship of (3), above, i.e.," with --using relationship (3), reprinted below.--.